IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

QLIFF & BERRIDGE, PLC **P.O.** Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

Attorney Docket No.:	116451		
Date:	July 8 2003		

MAIL STOP PATENT APPLICATION

Customer Number: 25944

Example: (703) 836-2787

NONPROVISIONAL APPLICATION TRANSMITTAL **RULE §1.53(b)**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

DEGRADED TONER DISCHARGING AND NEW TONER REPLENISHING

MECHANISM OPERABLE WHEN FOG IS DETECTED

By (Inventors):

Kenjiro NISHIWAKI

• •	
\boxtimes	Formal drawings (Figs. 1-8; 8 sheets) are attached.
67	Use Figure for front page of Publication.
	A Declaration and Power of Attorney is filed herewith.
Ш	This application claims benefit of Provisional Application No filed
	(A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
\boxtimes	This patent application is assigned to BROTHER KOGYO KABUSHIKI KAISHA.
	The executed Assignment is filed herewith.
	An Information Disclosure Statement is filed herewith.
	Entitlement to small entity status is hereby asserted.
	A Preliminary Amendment is filed herewith.
\boxtimes	Priority of foreign application No. 2002-199106 filed July 8, 2002 in JAPAN is claimed (35 U.S.C. §119).
$\overline{}$	A certified copy of the above corresponding foreign application is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that
— .	the invention disclosed in this application has not been and will not be the subject of an application filed in another
	country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
\bowtie	The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA			
BASIC FEE					
TOTAL CLAIMS	19 - 20	= 0			
INDEP CLAIMS	1 - 3	= 0			
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED					

^{*} If the difference is less than zero, enter "0".

SMALL ENTITY						
RATE	FEE	<u>OR</u>				
	\$ 375	<u>OR</u>				
x 9=	\$	<u>OR</u>				
x 42 =	\$	<u>OR</u>				
+ 140 =	\$	<u>OR</u>				
TOTAL	\$	<u>OR</u>				
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OTHER THAN A **SMALL ENTITY**

RATE	FEE
	\$ 750
x 18	\$
x 84	\$
+ 280	\$
TOTAL	\$ 750

 \boxtimes Check No. 143933 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, P	LC		Attorney Docket No.: 116451				
P.O. Box 19928 Alexandria, Virginia Telephone: (703) 836 Facsimile: (703) 836-	-6400		MAIL ST	OP PATEN		: July 8, 20	003
Customer Number:	25944	NO	NPROVISION	AL APPLI RULE §		N TRANSMI	TTAL
Commissioner for Pate P.O. Box 1450 Alexandria, VA 22313							
Sir:							
Transmitted herewith f	or filing under 37	C.F.R. §1.53(b) is the n	onprovisional p	atent applic	ation		
For (Title):		ONER DISCHARGING		-	LENISHI	ING	
By (Inventors):	Kenjiro NISHIV	VAKI					
Use Figure A Declaration a This application (A Preliminary This patent app The execut An Information Entitlement to s A Preliminary A Priority of forei A certified This application the invention d country, or unde	nd Power of Attor claims benefit of Amendment is attalication is assigned ed Assignment is formal entity status is amendment is filed application No. copy of the above is NOT to be publisclosed in this ager a multilateral into calculated below:	age of Publication. Anney is filed herewith. Provisional Application ched to reflect this clair to BROTHER KOGYO All to BROTHER HOGYO All the rewith. A	n in the Specific NABUSHIKI	eation if no KAISHA. PAN is clair led herewith dersigned are the subjection at each of the subj	med (35 Units). attorney control of an	J.S.C. §119). or agent herel application f	oy certifies the iled in anothe iling.
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE
BASIC FEE				\$ 375	<u>OR</u>	Trial.	\$ 750
TOTAL CLAIMS	19 - 20	= 0	x 9=	\$	<u>OR</u>	x 18	\$
INDEP CLAIMS	1 - 3	= 0	x 42 =	\$	<u>OR</u>	x 84	\$
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED			+ 140 =	\$	<u>OR</u>	+ 280	\$
* If the difference i Check No. 143	_	iter "0". of \$750 to cover the fil	TOTAL	\$	OR	TOTAL	\$ 750

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Respectfully submitted,

James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787 Customer Number: 25944 NO			Attorney Docket No.: 116451 Date: July 8, 2003 MAIL STOP PATENT APPLICATION ONPROVISIONAL APPLICATION TRANSMITTAL					
		110	ivi ko visioiv	RULE §1		TICANSIVII	IIAL	
Commissioner for Pate P.O. Box 1450 Alexandria, VA 2231								
Sir:								
Transmitted herewith f	for filing under 37	C.F.R. §1.53(b) is the r	onprovisional p	atent applica	ition		•	
For (Title):		ONER DISCHARGING OPERABLE WHEN FO	_		LENISHI	NG		
By (Inventors):	Kenjiro NISHIW	/AKI						
Use Figure A Declaration a This application (A Preliminary This patent app The execut An Information Entitlement to s A Preliminary Priority of forei A certified This application the invention of country, or und	n claims benefit of Amendment is atta lication is assigned atta Disclosure Statem and the Amendment is filed in a polication No. copy of the above in is NOT to be publisclosed in this ager a multilateral into a calculated below:	nge of Publication. They is filed herewith. Provisional Application ched to reflect this claid to BROTHER KOGY filed herewith. The shereby asserted. The herewith. The provided herewith. The shereby asserted filed Julicorresponding foreign plished under 35 U.S.C opplication has not beer the ernational agreement, the shereby of the shere the sher	m in the Specifi O KABUSHIKI Y 8, 2002 in JAI application is fi 112(b). The unand will not be	cation if not KAISHA. PAN is claim led herewith ndersigned a set the subject	ned (35 U ttorney o	J.S.C. §119). or agent herebapplication f	iled in ano iling.	that
		NOTES ABOVE	SMALL	ENTITY	ì	SMALL		_
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE	4
BASIC FEE		D7444_C221 100 1(C		\$ 375	<u>OR</u>		\$ 750	4
TOTAL CLAIMS	19 - 20	= 0	x 9=	\$	<u>OR</u>	x 18	\$	4
INDEP CLAIMS	1 - 3	= 0	x 42 =	\$	<u>OR</u>	x 84	\$	
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED			+ 140 =	\$	<u>OR</u>	+ 280	\$	

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Respectfully submitted,

\$

TOTAL

\$ 750

<u>OR</u>

James A. Oliff

TOTAL

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

* If the difference is less than zero, enter "0".